

ARIZONA ARCHITECT



And the slant yellow beams down the wood-aisle cloth seem
Like a bane into heaven that leads from a dream —

Sidney Lanier, *The Maidens of Glynn*

4

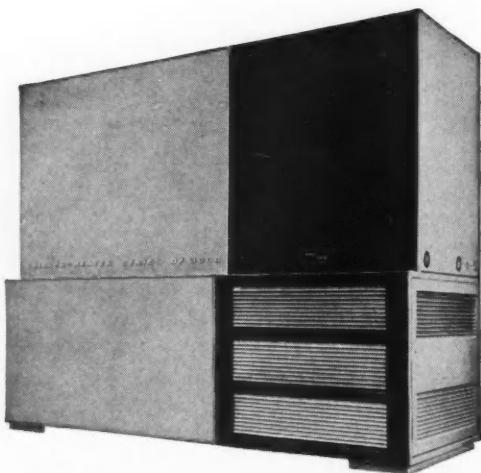
DECEMBER 1961, Vol. 5, No.

Professional and Personal Ethics

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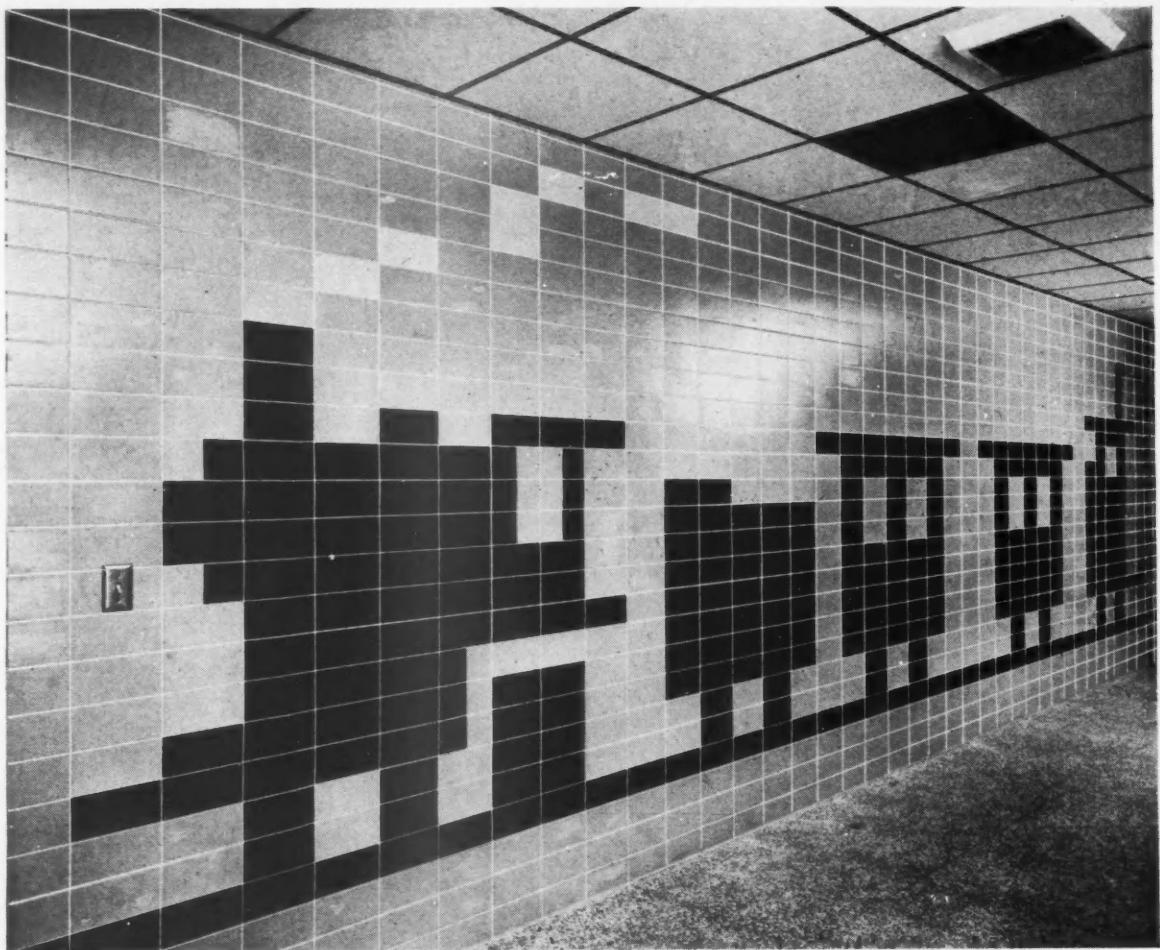
AIA CHAPTER NEWS 30

COVER — From the editor's camera a forest scene symbolic of the Season, and from his heart a sincere wish that the true spirit of Christmas may have an ever deepening effect upon us all.

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THE PRESIDENTS' PAGE



SOUTHERN ARIZONA CHAPTER

David S. Swanson



CENTRAL ARIZONA CHAPTER

Kemper Goodwin



IT IS WITH mingled emotions that I end my term of office as president of Southern Arizona Chapter. The year has run the gamut of emotions — frustrations, consternations and elations.

I am reasonably confident that the year, taken as a whole, has been successful for the Chapter. The mandatory activities were concluded on schedule, and in a creditable manner. The Chapter's elected activities have been diligently developed and I am sure they will be carried to their fruitful conclusions.

Space limits the inclusion of Orchids to many members of the Chapter for their contributions to the profession. Not once was I refused the services of any individual contacted to help in any Chapter activity.

Specifically, I would like to call attention to several of this year's projects which I believe have been beneficial to the Chapter, the Profession and the Community.

First, the Membership Committee has done an outstanding job. The Chapter's rate of growth has been accelerated and must be continued to insure a vigorous professional organization.

Second, an endeavor to create better communications between Contractor and Architect has been instrumental through a joint committee of each and their program in ACR. Attention should be given to expanding this program, broadening its scope of investigation and discussions, and our profession should exert its inherent role of leadership within the program.

Third, the activities of members in reviewing and rewriting the City of Tucson Zoning Ordinance is an outstanding example of service to the community, their profession and the Chapter. This activity is of much value and must be diligently followed in the next year.

Fortunately, the Chapter has had the foresight to elect an outstanding slate of new officers for next year, which I am confident will lead our profession to new roles of responsibility within our environment.

I would like to express my appreciation to the members for their support this past year and for the opportunity of taking part in a vital professional activity.

—30—, THE REPORTER's way of saying end; and this column marks the end of my monthly comments as president.

A large part of a president's work must be delegated. His success or failure depends, to a large part, on how faithfully his program is carried on by others. Full credit for any of the accomplishments of my administration belong to those men who have given so generously of their time to work on the tasks assigned to them. To each of them, my heartfelt thanks.

Some programs have just been born and will need tender care and careful nourishment to reach their maturity. I have been assured by the incoming President and the Advisory Board that this maturing will be provided.

The Chapter has nominated three of its members for Fellows of the A.I.A. It would be most unusual for all or even one of these to receive this high honor on first nomination. This is a program we should and must continue.

The first of several Chapter awards, the Draftsmanship Award, will be made at our Installation Meeting. Other awards which have been authorized will be made starting next year. These are the Craftsman Award and award for collaboration with the design profession. It behooves each of us to consider these carefully and make nominations as provided for in the program. This is one way we can create friendships and better understanding between our profession and the construction and allied industries.

Our committee on relations with the construction industry have finalized some very important issues with the construction group. I urge all offices to give their recommendations every consideration.

As individuals and firms, we should all make a determined effort to interest more young talent in Architecture, as a profession. Our committee on education and registration has made some excellent suggestions along this line. More will be forthcoming, I am sure.

Our Membership Committee has done an outstanding job. Our percentage of growth will exceed 18 per

(Please turn to page 24)

The Editor's PERSPECTIVE

THIS ISSUE is dedicated to personal and professional ethics.

The subject was inspired by the fact that lately there have been many meetings within the construction industry in which ethics have been discussed. Kemper Goodwin, Jimmie Nunn, and other architects have used the theme before contractor groups; the Construction Specifications Institute has had two meetings on the related subjects of bid peddling and substitutions; and recent Central Arizona Chapter of AIA and Masonry Guild-Masonry Industry Program dinners featured talks on ethics. Portions of both are carried in this issue, as several architects have suggested.

"Extremists" on the political front have lately come in for sharp criticism for actions which shock the sensibilities of many from a *political* ethics standpoint. Some of the statements and charges have been so vitriolic and passionate that they have caused real concern for the basic unity of our nation and loyalty to its founding principles.

My own concern over these things was mounting, but has been helped by re-reading an essay written at the turn of the century by the great American philosopher, William James. It is entitled "On A Certain Blindness in Human Beings" and said:

"The blindness in human beings . . . is the blindness with which we all are afflicted in regard to the feelings of creatures and people different from ourselves." He cited the rapture of boys carrying smelly lanterns under their coats, as vividly described by Robert Louis Stevenson in "The Lantern Bearers," as an example of utter silliness — to those who could not know the depths of mystery and joy that the boys themselves felt. He cited his own experience of traveling through North Carolina and seeing beautiful valleys utterly denuded:

"The forest had been destroyed; and what had 'improved' it out of existence was hideous, a sort of ulcer, without a single element of artificial grace to make up for the loss of Nature's beauty. Ugly, indeed, seemed the life of the squatters. . . . But when *they* looked on the hideous stumps, what they thought of was personal victory. The chips, the girdled trees, and the vile split rails spoke of honest sweat, persistent toil, and final reward. . . . The clearing, which to me was a mere ugly picture on the retina, was to them a symbol redolent with moral memories and sang a very paean of duty, struggle, and success."

Highly appropos today in Arizona is this paragraph written over 60 years ago in another James essay, "What Makes A Life Significant?"

"We are suffering today in America from what is

called the labor-question. . . . I use the brief term labor-question to cover all sorts of anarchistic discontents and socialistic projects, and the conservative resistances which they provoke. So far as this conflict is unhealthy and regrettable — and I think it is so only to a limited extent — the unhealthiness consists solely in the fact that one-half of our fellow-countrymen remain entirely blind to the internal significance of the other half. They miss the joys and sorrows, they fail to feel the moral virtue, and they do not guess the presence of the intellectual ideals. Often all that the poor man can think of in the rich man is a cowardly greediness for safety, luxury, and effeminacy, and a boundless affection. What he is, is not a human being, but a pocket-book, a bank-account. And a similar greediness, turned by disappointment into envy, is all that many rich men can see in the state of mind of the dissatisfied poor. And, if the rich man begins to do the sentimental act over the poor man, what senseless blunders does he make, pitying him for just those very duties and those very immunities which, rightly taken, are the condition of his most abiding and characteristic joys! Each, in short, ignores the fact that happiness and unhappiness and significance are a vital mystery; each pins them absolutely on some ridiculous feature of the external situation; and everybody remains outside of everybody else's sight."

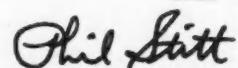
With such insight into character, it becomes a little difficult to be too critical about other people's ethics. But in an increasingly complex society, ground rules of conduct must be laid. Law can't do it all, and great reliance is necessarily placed upon those ethics which our religion is supposed to have given us.

At this very season we have been celebrating the birth of a gentle carpenter whose precepts were the basis of a great and influential religion, and which have endured for nearly 2,000 years.

Those ethics, and that religion, have been symbolized by the cross, and *Arizona Architect* is glad to be among the first to review the new book about the cross, published by Overly Manufacturing Company.

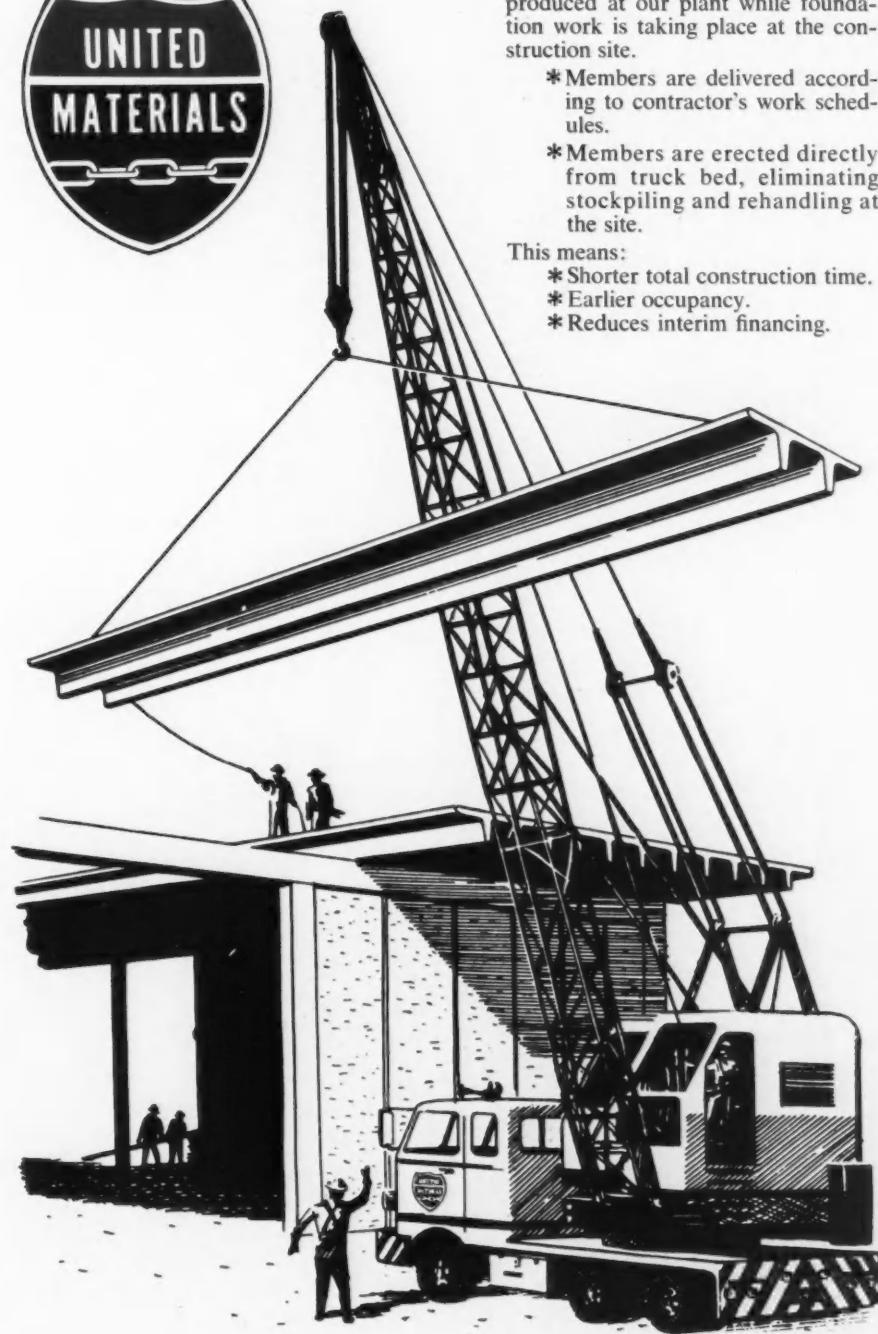
I hope that the words of our thoughtful contributors, and the crosses we see every day may serve continually to remind us of the importance of ethics, and that the words of William James may serve to increase our individual tolerance and understanding of our fellow man.

In the spirit of Christmas and of a New Year!



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THE CROSS

"The cross form has been found among the earliest vestiges of civilization in widely separated and remote corners of the earth. Ancient and pagan usage dates from about 4000 years before Christ, when the cross form was associated with awe and power . . .

"Quite apart from Christianity, but strikingly parallel in meaning, the simple cross form soon adopted a religious symbolism. The vertical member came to represent the unity of a monotheistic deity, a sophisticated religious concept among the ancients. In contrast, the horizontal cross-bar symbolized Earth. The union of these two elements in the simple cross form symbolized the harmonious combination of the deity with Earth . . .

"Christianity began its long history among the Jewish peoples. Strong advocates of the Mosaic Code, they did not permit the use of symbols in their religion. But as the Christian religion spread within the Roman Empire and even beyond its physical boundaries, other Christian groups



CROSS ADORNED
In this case, decorated with the Christmas Rose.

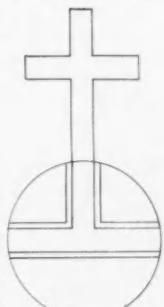


CROSS GRADED
Graduated steps represent Faith, Hope and Charity. This variant found in Church of Holy Sepulcher, Jerusalem.

abandoned the strict tenets of Mosaic disdain for symbolism. Even among these sects, the widespread persecution of all Christians forced the abandonment of visible identification with Christianity. Partially in protest, and partially as an expression of a strong and unwavering faith, disguised crosses did appear in the catacombs and other secret meeting places.

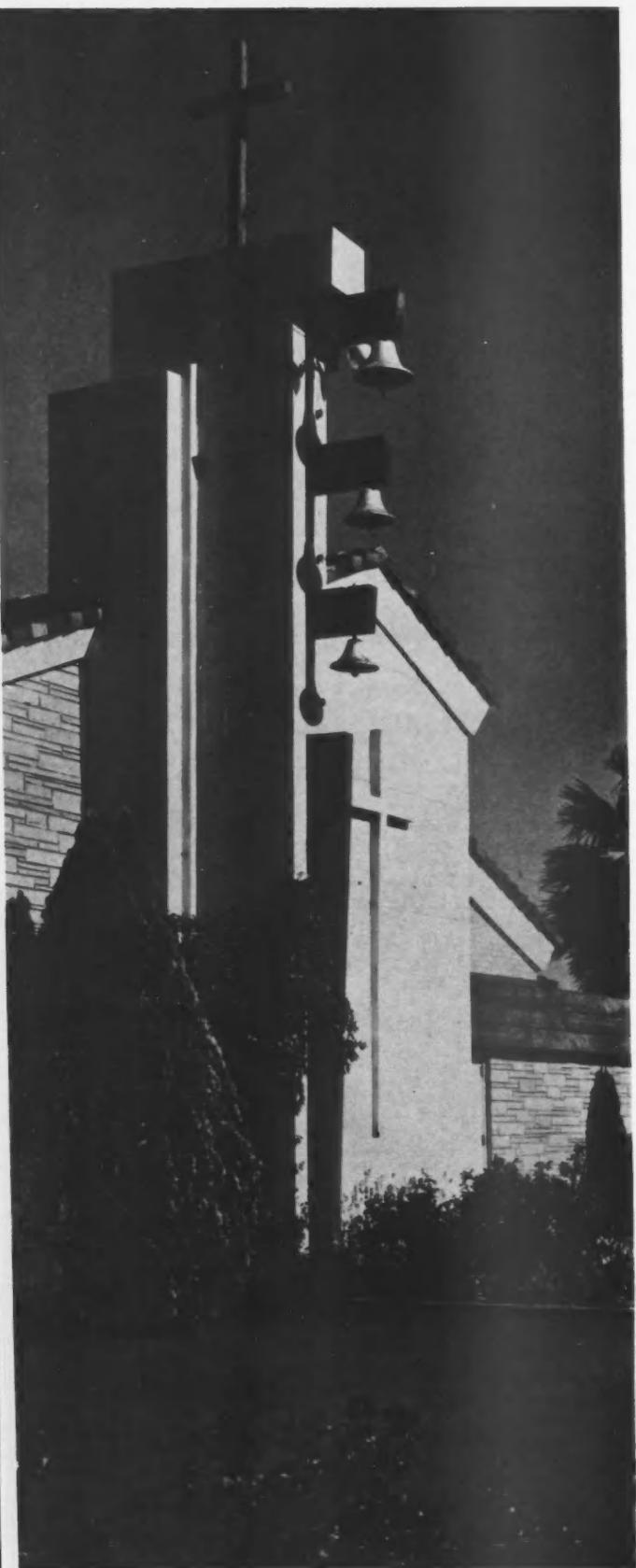
"When Emperor Constantine was converted to Christianity, the first uninhibited Christian use of the cross form was made possible.

" . . . With the sixteenth century came the Reformation, during which there was a revolt against decorative symbolism. The art of cross design fell into disuse, and many fine examples were completely destroyed, forever lost to mankind. Beauty for beauty's sake was not tolerated, and the development of cross variants reverted to the state of the art in the first few centuries of the



CROSS TRIUMPHANT
Cross, Orb, and Mound resting on banded globe typifies triumph of the Gospel.

Left, St. Mark's Catholic Church, Phoenix; Lescher and Mahoney, AIA, architects.





CROSS VAIR
Vair fur, used on vestments, was represented in heraldry by bell design. Cross is composed of 4 bells.

church . . .

"In the mid-Twentieth Century, church architecture is receiving more creative thought than at any time since the Middle Ages and the development of the Gothic Cathedral. The axiom of many contemporary architects is that 'form follows function,' and this rule all but eliminates the effusive ornamentation of many historic styles. Since architecture by its very nature is an expression of the vitality of existing thought, it cannot remain a static reflection of bygone ideas . . . The clean dramatic lines of contemporary design are increasingly evident in many crosses today. They are often of heroic proportions, sometimes free-standing or uplifted atop a high tower or pylon. Wherever used, the cross today complements the new architecture, uniting the traditional with the contemporary."

The facts quoted above are taken from a new book entitled "The Cross" which has just been published by Overly Manufacturing Company, and was offered to architects in their ad in the October issue of Arizona Architect.

CROSS BRETISSEE
"Fortress battlements" symbolize the Church Militant.



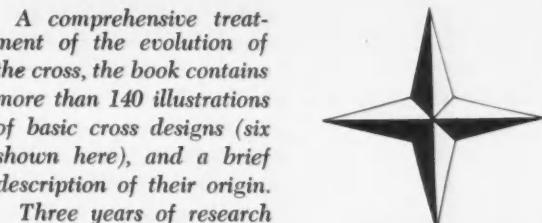
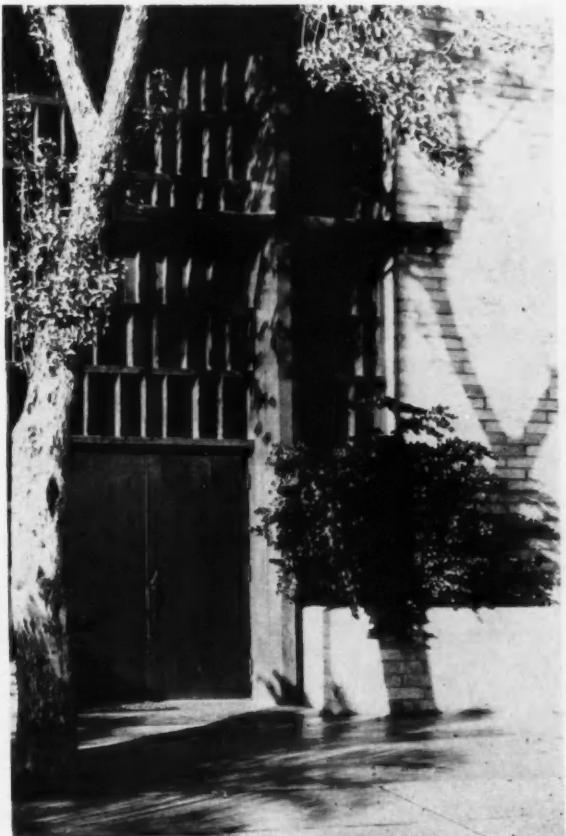
A comprehensive treatment of the evolution of the cross, the book contains more than 140 illustrations of basic cross designs (six shown here), and a brief description of their origin.

Three years of research went into the book, including interviews and consultations with church authorities and search of hundreds of volumes in the Library of Congress, New York Public Library, Chicago Public Library and the libraries of many universities, colleges and churches.

The 40-page book is said to be the most definitive study ever made of the cross.

Published to aid church architects, the clergy and church building committee members in the selection and design of crosses, the book is available without charge to those groups upon request to Overly Manufacturing Company, Greensburg, Pa.

The company states that copies are available to laymen for \$1.95 through company headquarters. Overly's Arizona representative is Beach Building Specialties, 1040 E. Camelback, Phoenix.

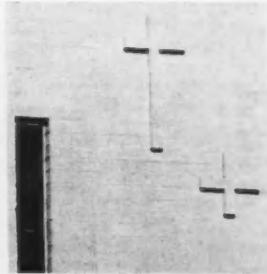


CROSS ETOILE
The simplest of the many symbolic representations of the Cross in star-like form. Similarity to cruciform symbols gave religious association.

The 40-page book is said to be the most definitive study ever made of the cross.

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Some examples of cross forms used in Arizona churches. Clockwise from left:



American Evangelical Lutheran Church, Phoenix; Ralph Parachek, architect.



Chapel of the Holy Cross, Sedona; Anshen and Allen, AIA, architects.

All Saints' Episcopal Church, Phoenix; Scholer and Fuller, AIA, architects.

Catalina Methodist Church, Tucson; Harold Wagoner, AIA, architect.



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A View Of Professional Ethics

By CHARLES R. MAGADINI, Past President,
Structural Engineers Association of Arizona

*An address given before an industry banquet sponsored by
The Masonry Industry Program and The Arizona Masonry Guild*



After Paul Rosensteel approached me to say a few words on "ethics" before this gathering, I began to ponder when the first need for ethics became apparent to man.

I pictured a cave man with a cave full of goat skins yearning for some of those tasty looking berries that he saw his burly neighbor gathering in the valley. Having rejected the idea of taking them by force, (since he figured he couldn't swing it), he hit upon the idea of exchange. Goat skins for berries — if you can imagine such a thing.

He proceeded to put his plan into action. He gathered his pelts, beat his way down the mountain and into his neighbor's domain. With a few friendly gestures and grunts he conveyed his intent.

His neighbor, with more berries than he needed, took the offer and fetched a snake-skin full of berries and the exchange was consummated.

It was at the instant that the berry picker stooped over to scoop up his skins that our mountain friend hatched an idea where he could double his profit. Forthwith, he clapped his stooped neighbor over the head, stretched him out like a mackerel and made off with the whole package.

I suppose he never thought of a more ethical approach until he found the door-way to his cave darkened one day by his friend from the berry patch, eager to pick up the transaction where it had terminated. Then he realized that there must be a better way — at least while he was still conscious.

Of course, this is an imaginative tale but it could well have started this way, with each succeeding generation contributing in some measure to the total experience which has formed the pattern of today's behavior.

When we consider a topic such as "ethics," it is like pondering an iceberg. The portion which is apparent is small compared to that which lies below the surface. So it is with ethics. The portion which is exposed by the individual has its bulk and roots deep in his character and experience. It varies proportionally with the degree to which his character has developed.

Ethics, Webster says, "is the science of ideal human character." Ethics is the study of all human actions in respect to their being right or wrong. The guiding philosophy is morality. The actions of individuals or

groups of individuals supply the subject matter of ethics. We all, then, regardless of endeavor, supply the subject matter of ethics.

Ethics studies the voluntary actions, those which are carried out with sufficient knowledge or choice. It remains a science of right living and gives us some general practical knowledge. However, we must still make personal decisions which apply this knowledge to particular cases. To this end each of us reflects the sanctity to which we hold the individual welfare of our fellow man.

Ethics bases itself on the reflective analysis of moral experience. If our moral experience is based on the application of the golden rule, "Do unto others as you would have them do unto you," then ethics has substance and meaning.

If our moral experience is devoid of consideration of our fellow man, then ethics has no meaning, for its moral wellspring is dry and it has no source of sustenance.

Therefore, when we speak of ethics we must necessarily speak of those who first have a measure of morality, a desire to distinguish between right and wrong, and to embrace the right.

Professional societies allied in the design and construction fields have drawn up instruments known as "Codes of Ethics" by which they regulate actions and set forth standards for their members. These professional codes attempt to set high standards of competence in the profession, strengthen the relationship among members, and promote the welfare of the whole community.

Such codes of ethics lend predictability to the behavior of the members and instill confidence and certainty to their actions.

The provisions of all codes of ethics can be broken down into four main categories. These, simply stated, are as follows:

1. Act faithfully in the interest of your client.
2. Do not act willfully or maliciously against another in your profession.
3. Deport yourself in a manner which reflects credit to your profession.
4. Maintain yourself competent to perform the services you imply you are capable of performing.

These four major markers frame the area of pro-

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fessional conduct. When projecting future action they are the reference points to guide behavior when more criteria are obscure or nonexistent. They form an aid to extrapolated action.

Let us consider these four main categories and examine their content.

The first: "Act faithfully in the interests of your client".

This means that in all instances you have undertaken to further his work to the best of your ability. This refers to all aspects of the work, including areas of which the client may not even be aware.

If in the course of the association you find that you are not sympathetic toward this work and there are reservations which prohibit fulfilling that which is expected of you, then ethics demand you terminate this association.

Further, it means that in offering your services, you can truly deliver that which is specifically stated or implied. That the service will be sufficient to adequately complete the work without reservations.

The second item: "Do not act willfully or maliciously against another in your profession".

Here the individual is restrained from seeking advantage for himself or another by virtue of spreading false rumor, sly innuendo or harmful gossip which will injure the character of his fellow man.

That this is detrimental to the whole profession is apparent when we realize that this undermines confidence in that profession along with all its members by association.

The third item: "Deport yourself in a manner which reflects credit to your profession."

When I think of this category, I can not help but recall a little item which appeared in a professional news publication which so aptly covers this area of ethical conduct.

It goes like this:

"I shall not drink; but if I do,
I shall not get drunk; but if I do,
I shall not do so in public; but if I do,
I shall not stagger; but if I do,
I shall not fall down; but if I do,
I shall fall face down
So my emblem will not be seen."

While this may exaggerate to some extent, it serves to point out the individual's obligation to do credit to his profession on all occasions.

The fourth item: "Maintain your competence to accomplish that which you imply you are capable of accomplishing."

Here the individual is charged with assuring that his competence to perform a given service is sufficient to fulfill the requirements of the work undertaken.

He must represent himself accurately and truthfully.

While credentials may indicate competence in



Part of large number of guests of Masonry Industry Program and Masonry Guild who heard Charles Magadini, Jimmie Nunn, president of Arizona Society of Architects, and John J. Dickmann, contractor, discuss "Ethical Practices in the Construction Industry. Dinner was held September 13 at Phoenix Country Club.

broad and general terms, only self-examination can determine if it applies to the specific work.

Further, the individual is charged to devote a certain portion of his time to keeping abreast of, and contributing to, the advancement in his professional field. He must provide a program of familiarization with laws, codes and code changes such that the health and welfare of those affected by his work will have the advantage of latest techniques and studies.

These four categories, just examined, form the broad basis for all ethical professional conduct.

Each professional society may elaborate its code a little differently, but its basic premises are integrity and morality. An individual who is possessed of these will find nothing startlingly new in any code of ethics.

He who would engage persons of questionable ethics with the view of personal gain or greater profit is weaving cloth with poor thread, for he must exact the common goal to become screened and obscured by self interest.

The health and welfare of persons remotely involved can suffer and sometimes tragically.

When ethical behavior is sacrificed, distrust and suspicion replace the void. When it is encouraged, progress and advancement are its products.

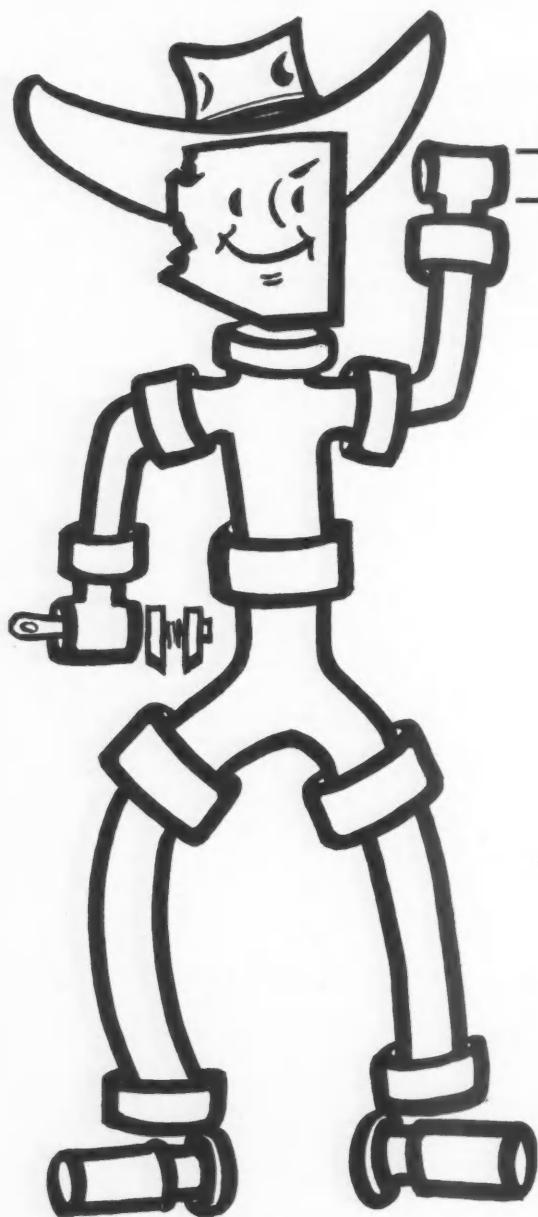
Ethical behavior is a measure of professional maturity.

Blumcraft Scholarship Established At ASU

Blumcraft of Pittsburgh has established a \$250 scholarship at Arizona State University's School of Architecture, according to James Elmore, AIA, director of the school.

Max Blum, president of the company, said the award is to aid a needy student or students selected by ASU.

Elmore added that the first award will be made next spring at the annual Central Arizona Chapter-ASU awards banquet. The Blumcraft of Pittsburgh Scholarship will bring the value of prizes given at the banquet to more than \$2,500.



"Peter Piper"

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Ethics Begins With YOU

By JACK WILLIAMS

(Excerpts from a talk given at a recent meeting of Central Arizona Chapter, AIA, by the former mayor of Phoenix and program director of Radio KOY.)

There will always be deviates from any norm. There will be always be sinners. That is the paradox at the root of one man's own human nature. Sometimes I think that the great error or fault or problem is to sin and not know one is sinning.

The primary question of today seems to me to be whether we really believe that men should be honest and decent. In other words, do we honestly believe the precepts that we hear from our pulpits each Sunday? On this simple fulcrum hangs in balance the future of not only our world today, but the world that our children will inherit tomorrow.

I was shocked recently by an article in a magazine called "Modern Office Procedures." The article says:

"The blackjack gets more people to the top of the management heap than you care to think. A knife in the back gets you ahead just as fast . . . and often faster . . . as hard work, honesty and fair dealing. Employees, seething with ambition, put a cutting edge on the honest tools of promotion and ruthlessly club their way toward the top. Companies tarnish their benign corporate images . . . either by accident or design . . . with policies that encourage unscrupulousness, that force people to connive or lose momentum in the promotion pace."

These are said to be the conclusions of a lengthy survey by the editors who talked to more than a hundred men in all levels of management. The author continued:

"We interviewed 18 men earning more than \$20,000 a year. Sixteen admitted they were guilty of shady practices. In the \$10,000 to \$20,000 bracket, 49 out of 58 said their record wasn't clean and they intended to do more rug pulling in the future." This is in line with Leo Durocher's classic statement: "Nice guys don't win!"

But I don't believe it. I don't think the article is accurate. I don't think Leo Durocher is right. I know all men are not honest, and all men are not gifted and all men are not qualified. But I believe that our American process has the means to produce through fairness and impartiality the best leaders. If this isn't true, then generations of decent citizens have wasted their time and talent and effort in creating a society which predicated its existence on decency and ethics, and the principle of the Golden Rule. The American story is one of virtue triumphing and evil being repaid with evil.

Today we are willing to admit that it doesn't always work out that way, but the challenge is to make it work right. Carlyle, I think it was, said: "Reform yourself and you may be sure there is one less rascal in the world."

It has become increasingly important that citizens arrange their time and their lives so that they can make their contribution in public service. If our Mormon friends can do it, with their missionary system and their lay preachers . . . then citizens can do it for their government. Perhaps all can't take time to be a mayor, a congressman, a governor, or a senator, but there are school boards, and councils and boards and commissions and other work to do to keep our country strong and safe and sound.

It is my honest belief that God has entrusted us personally and individually with a particular mission to perform. And the sober, startling fact is that it may make a difference to all eternity what YOU do. What you do or fail to do will strengthen or weaken your world just that much.

What we do today and tomorrow and every day is for our nation and for our God and — yes, for our common destiny.

In the light of these indisputable facts, who can stop to count the cost?

— AIA —

ORIGIN OF BAROQUE

There is some mystery about the origin of the term "Baroque," but it is generally agreed that it derives from a nonsense word by which humanists of the Renaissance derided medieval scholasticism. In mockery of that early disputatiousness "Baroco" became a synonym of confused and unclear thinking; later it assumed the meaning of "decadent" and "in bad taste." Not until the nineteenth century did the term acquire a more dignified usage as a historical and technical designation applied successively to the arts and later to a chronological period. Few living in the "Baroque Age" had ever heard the word, and probably no one applied it to his own time.

Baroque passion stimulated an urge to action, an obsession to wield power, and, from the deep recesses of the unconscious, it conjured up an extraordinary vitality and a forward thrust of energy which found no adequate outlet or satisfying release. . . . Thwarted impulses engendered a restlessness which sought relief from frustration by applying to the accepted verities of orthodox existence an ornamental patina worked in startling combinations of detail, in intricate patterns, in multicolored designs, and in complex arrangements. . . . This strange agitation, this peculiar disquiet, this frustrating dilemma underlying the Baroque attitude released a prodigious creativity in Spain and ignited a pyrotechnic display of artistic genius.

— Irving A. Leonard in *Baroque Times In Old Mexico*, Univ. of Michigan



Above, Modern Steel Tower and Cross of Bethel Christian Reformed Church, Tucson, Arizona.

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- Designers and Fabricators: Tucson Iron Works
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Architecture...

And The Basic

(Ed. note: A series of reminders on topics known well to architects but often bypassed in the day-to-day and long-range problems affecting their profession were issued by A. Quincy Jones, FAIA, last month at the annual public lecture sponsored by the School of Architecture at Arizona State University, the Central Arizona Chapter and the Phoenix Public Library. Jones, a member of several governmental committees in California dealing with environment, offered little in the way of new information, but simply restated problems in light of his contagious belief in the exciting challenges and adventures open to architects of today and his conviction that the old-fashioned and much-abused attribute of love is absolutely necessary, along with technical proficiency, to solution of today's problems, including those of architecture. Excerpts of his address, especially appropriate to this season of the year and worth remembering in the face of professional drudgery and frustration, follow.)

By A. QUINCY JONES, FAIA

To students, you are lucky. With great interest and intensity you are embarking in your chosen profession of architecture and planning during a period of great opportunity, of great new horizons when you will have the chance to express yourselves for the good of your fellow man and with the challenge of important imagination.

To practicing architects, you are lucky. You are in the middle of a period of re-evaluation and you are at the start of a period in which you can apply your imagination to an architecture related to community and city planning as well as the individual building.

To the public, you are lucky. The architectural profession has dedicated itself to work with all the professions in order to create environments for a full and rich life, one that takes advantage of social, spiritual and technological knowledges heretofore unknown.

The very quality of design involved in planning and in architectural solutions influences the effectiveness of man's environment. The architect-planner must be an artist, as well as a businessman, who accepts the responsibility of the "problem solver."

The medical profession tells us that there are four conditions which must be met if we are to have any chance of leading a happy life: physical security, social recognition, adventure, emotional security. In today's highly technical and scientific life, these four

Needs Of Man

A. Quincy Jones, FAIA

considerations become increasingly important, but we should add one vital ingredient: *love*. Love of our fellow man, love for our work, and the conviction that this love insures the future for all of us.

The urgency and importance of the task before the architect was well stated by AIA president Philip Will Jr.:

"Short of national survival, there is no more important and timely subject than that of redesigning urban America, and it is quite possible that the design and redesign of our man-made environment is to a large extent a problem of national survival.

"If land is debauched, or streams polluted, our air a nauseous mix of soot, fumes and lethal gas, and if our cities are exploited jungles of disorder and corrupting ugliness, and if there is little safety and no amenity, to whom can the public look for help, for guidance and for vision?"

How could we be part of a more exciting problem?

The answer, we realize, cannot come from the architect or planner alone. It is important to include on the team the sociologist, psychologist, clergyman, economist, politician, educator and philosopher, among others. This team, working together, can solve the kind of problem we face today if we, as *citizens of the community*, provide the support and means required for adequate study of the problems.

The scientific age in which we live makes it necessary to discuss the exciting rate of change in our living patterns. Our technical knowledge, and the much talked about population explosion, will not permit us much longer to design our cities and communities in the manner we now know.

Along with the heavy density of population in today's cities, we have an increased concentration of transportation. Each automobile has to have a place to park when not in use and enough space in which to move when involved in its role of transporting people and goods.

The growing competition between man and machine for parking space is reaching serious proportions. If man expects to win this unequal race, he must face the problem squarely with all the logic and imagination he can muster.

There is no reason to accept out-of-date standards of city planning for our highly urbanized cultures of today and tomorrow. It is logical that cities must look

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People want pleasant experiences. They require beauty in their lives. They make spring trips to see wildflowers and nature's beauty because of the esthetic experience, not because they are botanists.

Without looking to future knowledges, any city in this country can become the place of continuing personal esthetic satisfaction. The addition of green spaces and pedestrian thoroughfares might, in themselves, demonstrate to the community that the city has a concern for its citizenry.

It is not necessary for the automobile to consume these open spaces which people should enjoy as city parks and other pleasantries. We cannot continue to blame the automobile for poor planning.

In the days of the horse and buggy, Paris and London were no more or less beautiful because of that mode of transportation. The buggy was a man-made machine the same as the auto. It is ludicrous to excuse poor planning and design by blaming the automobile. Actually, the auto can become the device to provide greater open spaces in our cities.

Under present construction costs, we know that when land values exceed \$5 per square foot, it is feasibly economical to build parking places below grade, which allows us to utilize the ground level space which we gain for community purposes.

Analysis of land coverage makes it apparent that there is a serious problem of waste in the city. We waste land. We waste money. We waste effort. We waste time.

Will we continue to permit these great wastes and the greatest waste of all, the spiritual and emotional well-being of man?

What will be the controlling force in the mighty surge of planning, buying and selling, mortgaging and lending, destroying and relocating, arming and disarming?

Will we let the motives of sheer material profit and selfishness become the controlling forces which shape the environment in which we live?

Or, will we be perceptive enough to see that material profits will rise higher if our cities can, indeed, provide the kind of environment which enriches the well-being of the people who live and work within their boundaries?

It is not only the politician, economist, sociologist, architect and planner, but all the good people who must grapple with the problem. The desire of man and *an inspired moral purpose* — both of which must precede the implementation of mechanics of a solution — will bring these various persons together when they form the team we mentioned earlier.

Every activity of our lives increases complexity. It becomes apparent that the helter-skelter building of communities without thoughtful organization, based on desire and love, can result only in chaos.

In reverse, the positive way to make this statement

is to say that chaos can be eliminated through thoughtful organization and planning.

Easy, ready-made formulae are always popular, but in this case there is *no one recipe* for a successful solution.

The work of accepting and integrating the new complexities in our communities has to follow the difficult pattern of *lofty thought* combined with *humble action*.

Nature has been, and man should be, concerned with the large scale total environment as well as with the details which go together to make the final solution consistently acceptable. In nature the total tree reflects the beauty of the individual leaf, just as the city reflects the character of its individual buildings.

In my effort to stress the importance of the total city, I do not mean to minimize the individual building as a factor of the design. *There is no unimportant architecture.*

The student, the practitioner and all citizens of the community should be fully aware that the appearance of the tract house, warehouse, factory and service station are equally significant as influences upon the residents of a community as the design of the museum, school, civic center, shopping center and church.

In planning our environment our methods must reflect order and our goal must be beauty. In these times of acceleration, especially, we can no longer afford to make little plans for the future. We must aim high in hope and work.

The measure of man in this generation is that we remember during every waking hour that it is we who are here today who are charged with the responsibility of repairing the foundation on which our children will build their lives.

It is obvious that our children and grandchildren will live in an age that is beyond our ability to conceive. We must leave them a physical environment that is an easy one to build upon. It must have order, it must have logic and it must be beautiful.

This environment must result from imaginative solutions to *our* social, spiritual and technical knowledges; from our best efforts as "problem solvers"; from our ability to provide a physical and emotional security; from our ability to recognize the importance of the chance for adventure; from our recognition that in today there is urgency; from our love for our fellow man; and from our work with the conviction that we can insure the future for those who will follow.

—AIA—

I think all young Americans should be taught the basics of architecture, decoration and city planning. For if they were taught these, the new generation could not tolerate the proliferating ugliness of their towns and cities. I know of no other so-called civilized society that has so blighted its land as we have.

— Marya Mannes, *New York Times Magazine*



OVERLY FIRE BARRIER WITH CONCEALED HARDWARE PASSES U/L FIRE TEST!

Panic-Free Fire Doors with aesthetic advantages are now available to the architect as a result of a recent U/L fire test. A pair of Overly Fire Barriers, equipped with concealed Von Duprin Hardware, have just successfully passed a test for 1½ hours of fire resistance at Underwriters' Laboratories. The test was conducted on 8' x 7' fire doors.

This new fire test follows an earlier test conducted last year in which a pair of Overly Fire Barriers with surface-type panic hardware passed a 3-hour U/L fire test.

As a result of these tests, the architect may now specify Overly Fire Barriers with concealed or surface-type hardware, for periods of fire resistance from 1½ to 3 hours. With the concealed hardware, he has the advantage of better design aesthetics as well as protection from panic and fire in areas up to four units of exit.

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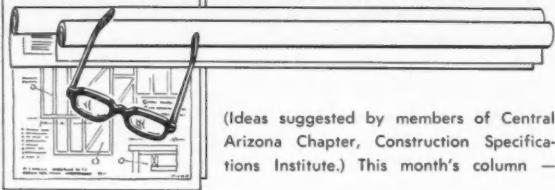
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LOOKING AT THE SPECS



(Ideas suggested by members of Central Arizona Chapter, Construction Specifications Institute.) This month's column —

BY WILLIAM B. SCARBRO, ARCHITECT

Considerable interest has been shown in the report of the C.S.I. committee on roofing entitled "Built-up Roofing." The following comments are based on the rough draft of this report only. Suggestions by interested persons are invited:

Discussed in this part are suggested means and methods of preventing common problems in built-up roofing resulting from split responsibility, lack of knowledge, improper equipment, and improper workmanship.

It is recommended that specifications incorporate a statement that the Roofing Contractor is required to carefully examine all areas to be roofed prior to application of any roofing and that commencement of roofing after this inspection constitutes acceptance of these areas as being in suitable condition to receive roofing. Poured decks (concrete, gypsum, perlite, etc.) should be specified (under the appropriate specifica-

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tion section) to be cured to a stated maximum moisture content and tested. The Roofing Contractor should not be required to begin roofing against his judgment.

It is also recommended that specifications incorporate a provision that the roofing work be performed in accordance with the applicable published specifications of the manufacturer whose materials are being used. These specifications and the roofing manuals they incorporate require proper procedures for roofing work which, if followed, would greatly reduce the possibility of problems, particularly at flashings.

It is further recommended that test sections of complete roofing be taken. A simplified method of determining to a great degree the quality of a finished built-up roof can be obtained by taking test cuts or patches from the roof prior to the applications of surfacing materials such as gravel and roof coatings. As all roofing specifications give a weight factor per square of roofing, the weighing of these test samples can be a big factor in assuring that the amounts and weights of roofing materials specified have been applied. (It is estimated that the cost of having three such samples picked up at the job and weighed by a testing laboratory is around \$25.00).

-AIA-

If women keep on wearing those spike heels, the next refinement in gracious living will have to be armor-plated floors. — Cincinnati Enquirer.

BUILDING CONTRACTS SHOW SHARP RISE HERE

In the metropolitan Phoenix area, October contracts for future building were 39 per cent above the October 1960 level, according to the December report of F. W. Dodge Corporation.

The construction news agency listed the dollar volume of total building contracts — non-residential plus residential — at \$20,708,000. (Heavy engineering contracts not included in building figure).

Dodge reported non-residential contracts at \$9,296,000, an increase of 83 per cent compared to October 1960. Residential contracts (including apartments, motels, and dormitories), totaled \$11,412,000, up 16 per cent.

In the first ten months, non-residential building was up 40 per cent and residential down 12 per cent.

- AIA -

A city is an organization of human beings, a living thing, and its character depends wholly upon the people who compose it, who built it, shaped it, own it and live in it. It is progressive or backward, beautiful or ugly, orderly or slovenly, well managed or inefficient, growing or gradually dying, all depending upon the spirit, intelligence, aims and ambitions and moral character of its citizens.

— W. H. Bartholomew

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PHOENIX HOUSING CODE TO BE STUDIED

A newly appointed 31-member Housing Code Study Committee has been sworn in by Phoenix Mayor Samuel Mardian, Jr. It will study and make recommendations on minimum health and safety standards for existing housing.

The city is now without a housing code, the former code having been hastily repealed last February when threatened with a referendum by a group of dissident citizens. (See *Arizona Architect*, March 1961).

In appointing the new committee, Mayor Mardian warned that the absence of a code allows deterioration of housing within the city, and stated that preparation of the new code will require several months of study — until late next spring.

Chairman of the study committee is Frederick Nau-metz. Other members are: John Armer, Mrs. Gerry Eliot, Dixon Fagerberg, F. R. Fahlen, Jr., Dr. Joseph M. Greer, Devens Gust, Donald L. Hoffman, Jerome M. Kelleher, and Robert W. Knox.

Also Bob Griggs, Richard E. Mettler, Gus R. Michaels, George W. Miller, Dr. A. Ortiz, Rev. E. N. Patterson, Rabbi Albert Plotkin, James Quayle, Alfred G. Rasor, Clark Rorbach.

Others are Mason M. Warren, Jim Ross, Victor H. Schulze, Tom Sheridan, John F. Sullivan, John Sing Tang, Francis Thalheimer, Alton Thomas, Loren Vaughn, E. J. Wasielewski, Sr. and Joseph Weinstein.

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C.S.I. DEBATES 'SUBSTITUTIONS'

The November meeting of the Phoenix Chapter, Construction Specifications Institute, featured a full discussion of substitutions. Kemper Goodwin, AIA, moderated the meeting between panelists Dan Mardian, general contractor, and Robert Larabell, subcontractor and president of Arizona Acoustics. Attendance was over 70.

Defending substitutions, Mardian stated that they may: (1) reduce costs on the projects, (2) save time when originally specified products are held up in delivery, (3) be products that will require less maintenance than the original item, or (4) be a better product than the one specified.

"If," Mardian said, "you still feel that substitution is a problem and you would like to limit its use, my answer is to spend more time investigating products, equipment and methods. Also limit the use of proprietary specifications." He felt that use of proprietary specifications, or inclusion of insufficient brand names that are equal, generates many problems. Among them are higher costs and the favoring of one contractor over another.

Mardian suggested that the problem could be minimized if architects and engineers would specify more products and equipment as equal, than they now do.

Stating that substitutions of materials of less value or worth "has become the most dangerous and frustrating practice in the building industry," Larabell

discussed the ways in which "the substitution sheet can and usually does harm all parties involved."

The relationship between the architect and owner is broken down, raising questions of the architect's judgment and thoroughness, and tempting the owner to accept substitute items on a cost basis which he recognizes, rather than on a quality and value basis, which he may not recognize.

Substitutions become a last minute challenge to the general contractor; to the subcontractor, they may result "in his hours of study and legitimate consultation with the architect go for naught."

Larabell argued that (1) substitutions always offer cost savings, never additive costs, (2) you only get what you pay for; (3) assuming basic knowledge and integrity of the architect, the best buys are already specified, and (4) any desire for cost information on compromising materials is called for specifically by direct alternates to the base bid.

A lively discussion followed the presentation, and an observation was made that the pros and cons of tight specifications depended on "whose ox is being gored." After which an architect was heard to remark: "Does it not occur that we might specify a product simply because we feel it is best for the job?"

To which Larabell commented that the sooner the realization gets across that the architect isn't in the bull-goring business but acts only to select the best product within the budget, the healthier will be the suppliers' association with him.

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GOODWIN (Continued from Page 5)

cent for the year with the largest growth in corporate members. Some of these new members have already begun to take an active part in the work of our Chapter. I hope that all of our new members, and the old ones too, will attend our monthly meetings and actively participate in them. It is only by sounding-off and letting us have their ideas that the Advisory Board can carry on the affairs of this Chapter to the satisfaction of the majority.

Much time and a lot of hard work was put in by the Judicial Committee on a bill to be introduced at the next session of the Legislature removing the "ceiling" on our fees. Unfortunately, this has all been "kicked down the drain" by action of the Southern Arizona Chapter.

This is a program of vital concern to all the younger men in the profession and needs their support. You'll hear more about this in the future.

Space does not permit me to detail the activities of other committees. You can be assured, however, that a lot of hard work and some worthwhile results have been obtained. You'll hear more about these during the coming year, I am sure.

This then, is my report. It's been an exciting and interesting year. -30-

- AIA -

Beauty and Truth, though never found, are worthy to be sought.

—Robert Buchanan

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Critique

To the Editor:

We urge your readers to read carefully the full page advertisement of Arizona Acoustics on the inside back cover of the November issue of *Arizona Architect*.

The advertisement has told in no uncertain terms why they should also turn to page 20 of the same issue and carefully read the specification on Zonolite Acoustical Plaster.

We think it most important, when using these specifications, not to take the teeth out of them by deleting the paragraph headed "Inspection by Manufacturer." Only by this requirement can we stop these "sprayed simulated acoustical plaster" jobs that have no acoustical value.

C. L. WOODWORTH, Vice President
Ari-Zonolite Company, Glendale

Editor's note: The Arizona Acoustics ad reported that many have bought what they thought was acoustical "plaster," only to find that it had no acoustical value. It is reported that at least one large home builder is leading prospects to believe that his homes have acoustical value, whereas the ceilings are simply coated with a spray mixture of paint and vermiculite, giving a rough texture which is easily mistaken for acoustical plaster. We second Mr. Woodworth's plea,

and would hope that those responsible for misrepresentation might read and heed this issue on ethics. Meanwhile, any architect following the specifications suggested by Ari-Zonolite Company would be protecting his client and himself from the disappointment and expense of a non-acoustical treatment.

WHERE IS THIS IN PHOENIX — No. 4



Answer next month

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New Products, Personnel, Publications

BAPTISTRY GATES



Baptistry gates designed by Chicago architect Joseph Bagnuolo, and manufactured by Morris Kurtzon, Inc., of gold anodized aluminum are one of the more attractive features of the Santa Maria Addolorata Church in Chicago.

Details of the gate plus other data mentioning both custom designed and standard baptistry gates, and other units of architectural metal work are given in a data sheet just published. The sheet, in four colors, may be obtained from Morris Kurtzon, Inc., 1420-30 South Talman Ave., Chicago 8, Ill. Illustrations of other baptistry and chancel gates are shown, all available in a wide variety of colors.

VITRINEER DISTRIBUTOR

Phoenix Brick Yard, at 1814 South Seventh Ave., Phoenix, has been appointed state distributor for Robco 3/8 Vitrineer Ceramic Veneer, according to an announcement by Robinson Brick & Tile Company, of Denver.

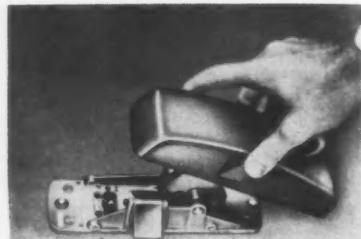
NEW EXIT DEVICE LINE

Sargent & Company, has announced a new complete line of Exit Devices. Designated as 90-Series, the line is available in all finishes including Stainless Steel and is complete to rim, mortise, and vertical rod types. Each features a new system of unit construction and chassis mounting of all parts. Covers, serving no function except appearance, are unbroken by attaching screws, and provide for easy, quick installation. Units can be serviced without removal.

The 90-Series is all U.L. approved for panic and includes a line of U.L. labelled Fire Exit Hardware in mortise and vertical rod types.

The new line will replace the Sargent 5700, 5800, and 5900 series devices.

Further information from Sargent & Company, New Haven 9, Conn.



Twenty-six

PORCELAIN-ALUMINUM SUNSCREEN

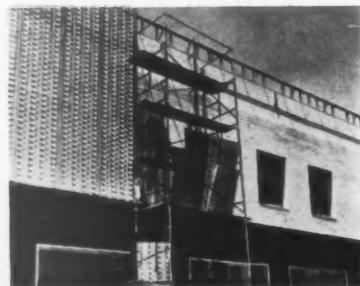
Porcelain enamel on aluminum in a new "Rhombic" Sun Screen is the newest product from the Architectural Division of California Metal Enameling Company, Los Angeles.

The screen provides highly effective solar control because of the angles created in forming the screen. Its pattern casts light shadows for a textural, sculptured effect, and the screen combines effectively with other building materials.

A limitless range of individual colors is available, permanently fused to the aluminum on both the face and back of the screen. The maximum size of the panels is 4'x10'.

The light weight (one pound per square foot), of the screen makes possible the use of lighter supporting structures than are needed for other types of sun screen. Anodized channels, T's, snap-on trim, and mullions for erection of the "Rhombic" Sun Screen are also available.

A new full-color descriptive brochure of "Rhombic" Sun Screen is available from California Metal Enameling Company, 6904 East Slauson Avenue, Los Angeles 22, Calif.



WELDMENT TESTING AVAILABLE

Engineers Testing Laboratories, Inc., of Phoenix and Tucson, have announced expanded facilities in the field of welding.

The company's new services include complete shop and field inspection and supervision, macroscopic inspection, magnetic particle inspection and radiographic analysis of weldments.

Rates for services will be furnished upon request, by writing Engineers Testing Laboratories, 2515 E. Indian School Rd., Phoenix.

NEW ZONOLITE BROCHURE

Zonolite Company has published a new eight-page brochure on its vermiculite plaster, fireproofing, and acoustical systems.

The brochure provides complete specifications plus technical data on coverage, noise reduction, insulating values, and other physical properties of the materials.

The brochures are available from Department PA-60, Zonolite Company, 135 South LaSalle Street, Chicago 3, Illinois, or Ari-Zonolite Company, 5201 W. Glendale Ave., Glendale, Arizona.

SPACE PLANNERS



Space Planner Company, a Tucson owned industrial design and manufacturing firm which specialized in the research and development of new practical designs in home equipment and accessories, has recently announced five free-standing fireplace designs.

The "Sierra," pictured above, is designed especially to fit into a corner and can be integrated in both contemporary and traditional settings. It is suitable for any room in the home, enclosed patios, cabins and motels.

Of heavy gauge steel, and with fiberglass insulation, the unit delivers both radiant and circulated heat. It burns 18-inch logs, and comes in five decorator colors.

Space Planner Company has new showroom and factory at 316 So. Norris Ave., Tucson.

PRESCOLITE MOVES

Prescolite Manufacturing Corporation, producer of contemporary lighting fixtures and lamps, will celebrate New Year's, 1962, in a brand-new \$1-million headquarters.

The firm, launched in Berkeley, California, 18 years ago, will move its California manufacturing operation and executive offices to larger quarters at 1251 Doolittle Drive in nearby San Leandro. There will be no interruption in service or manufacturing because of the transfer.

NEW KEY

Sargent & Company has announced that a new key with an "S" keyway is now being packed with all stock locks and locksets. Contemporary in design, the keybow incorporates the lock company's recently introduced chevron trademark. For more information contact Sargent & Company, New Haven 9, Conn., or O'Malley Building Materials, Phoenix or Tucson.



ARIZONA ARCHITECT

Student Chapter To Sponsor Lecture By Noted Architectural Photographer

Los Angeles architectural photographer Julius Shulman, noted as a perceptive and articulate critic of architecture as well as one of its ablest recorders, will give a public lecture at 8 p.m. Monday, Jan. 8, in the Memorial Union ballroom at Arizona State University.

Shulman, whose lecture will be sponsored by the ASU student AIA chapter, also is winner of the color division in the 1961 architectural photography competition organized by the AIA and the Architectural Photographers' Association.

The results of that competition, fourth in an annual series, will be on display at the ASU School of Architecture Jan. 1-25 from 9 a.m. until 9 p.m. weekdays and until noon Saturdays at the studios on the third floor of the engineering center. There is no charge for the exhibit, but the student chapter is requesting a 50 cent donation for Shulman's lecture.

The exhibit, which includes color for the first time, is being circulated by the Smithsonian Institution and includes 32 photographs, picked from entries submitted by photographers from all parts of the United States.

Shulman won the color division with his picture of a California residence designed by Pierre Koenig, AIA, who spoke to ASU students and architects last month. In the black and white division, Joseph W. Molitor, of Ossining, N.Y., won first prize with a photo of Sarasota High School in Florida.

The exhibition originally was shown at the Octagon last March.

— AIA —

If eyes were made for seeing,
Then Beauty is its own excuse for being.

—Ralph Waldo Emerson

The greatest civilization before ours was the Greek. . . . In the end they succumbed, but the reason they did was not that the enemies outside were so strong, but that their own strength, their spiritual strength, had given way. While they had it they kept Greece unconquered and they left behind a record in art and thought which in all the centuries of human effort since has not been surpassed.

—Edith Hamilton, *The Lessons of the Past*



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A TIME FOR EXCELLENCE

The quest for quality is contagious and so is indifference to it. To turn one's back on quality is to plunge downward along the path to dim mediocrity where the bright tools of skill corrode and the capacity to excel diminishes. Slip-shod workmanship and careless handling of detail can spread in all directions to infect others and downgrade a product. Where excellence is vigorously sought the quest affects all facets of endeavor, reaching into personal standards, family relations, citizenship and spiritual stamina.

Each man who learns the meaning of quality and strives for it is capable of inspiring others and kindling in them a lasting appreciation of this trait. When all individuals in an organization are caught in the driving search for quality, their collective strength is hard to beat.

And the strength of a country, too, depends on the cumulative strength of its individuals and institutions. For America there could be no more durable bulwark against destruction than the devotion of her people to the pursuit of excellence.

The Aluminum Bulletin

—AIA—

Almost everyone knows the difference between right and wrong. But some people just hate to make decisions.

— Joseph Salak



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JOHN BRENNER PASSES; GAVE MUCH TO PROFESSION

A. John Brenner, AIA, of Phoenix, died Thursday, December 7, of a coronary thrombosis. He had survived a similar ailment about two years ago.

Born in 1903 in Harlem, North Dakota, Brenner studied architecture at the University of Wisconsin, where he graduated in 1927. He was long associated with the Phoenix firm of Lescher and Mahoney, and entered practice for himself in 1954.

Long a loyal and active member of The American Institute of Architects, Brenner was a former president of Central Arizona Chapter, having served in that capacity in 1959.

His last column in *Arizona Architect*, as president, was a plea for "the continued interest, encouragement and support of those who have already 'been through the mill'" in chapter activities. "Frequent attendance at meetings by the 'old men' can, in itself, be inspirational and stimulating to those younger men who



have shown the desire and willingness to become an active and energetic part of the Chapter's activities," he wrote.

Brenner practiced what he advocated, and the attack which proved fatal occurred as he left the chapter meeting after seeing his partner, Henry M. Arnold, elected treasurer.

In addition to active participation in chapter affairs, Brenner was secretary of the National Council of Architectural Registration Boards, having been a member and director since 1958, and treasurer in 1960. As secretary, he took care of innumerable details of the organization's affairs, including the signing of hundreds of certificates of national registration.

Brenner's interest in the education and development of young architects was expressed in many ways. He served as a member of the 6-man advisory committee to the ASU school of architecture since the committee's formation in 1958, and was extremely active and generous with his time. He was a consistent and large financial benefactor through the ASU Architecture Foundation, and was largely responsible for organizing the alumni of Alpha Rho Chi, national architecture professional fraternity, into an alumni group representing several schools. He was instrumental, through donation of time and money, in the establishment of the ASU chapter of Alpha Rho Chi last spring.

He is survived by his wife, Helen, and by a brother in New Mexico.

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CENTRAL ARIZONA CHAPTER NEWS

Installation of new officers (see below) will be held January 11 at Beef Eaters Restaurant on West Camelback Road. Ladies invited.

Two chapter members have announced removal of their offices. David Sholder, who has recently been granted national registration under the NCARB, has moved to 1133 East Missouri, Phoenix 14. Telephone 277-7229.

George Albert Lyon has new offices at 5121 East Flower Street, Phoenix. Telephone WHItney 5-2103.

The chapter welcomes new corporate members Benny Gonzales, Paul Buchli and Bill Cartmell; and junior associate member Joseph Gilleland.

ASU STUDENT CHAPTER NEWS

ASU Student Chapter president, Gerald Lundeen, flew to the annual student AIA Forum in Washington, D.C. on November 18 through 22. He will give a report on the trip at the next student chapter meeting, when plans will be finalized for the costume Beaux Arts ball planned for the latter part of January.

New Officers To Lead Arizona's Chapters In 1962

New slates of officers for both of Arizona's AIA chapters have been elected, and will assume their duties in January.

Central Arizona Chapter elected: Lester H. Laraway, president; Charles Hickman, president-elect and



SOUTHERN ARIZONA CHAPTER NEWS

The annual meeting of the Chapter was held December 6, and featured reports of committees and election of officers (see story and photo below).

Installation will be held January 10 at the Old Pueblo Club. All members and their ladies are urged to attend.

Chapter representatives of the Architect-Contractor Relations Committee have announced postponement of the December ACR meeting, to feature Painting and Decorating, until January 18. Other subjects tentatively scheduled for the year are: Reproductions, Miscellaneous Metals, Finish Hardware, Air Conditioning, Plumbing, Electrical, Acoustic and Ceramic Tile, and General Conditions. The meetings have been well attended and highly beneficial to all participants.

Chapter members William H. Cook and Robert J. Swaim have announced the formation of a partnership, with offices located at 7065 Mesa Grande Court, Tucson.

The chapter is seeking appropriate books for developing a Department of Architecture Library at the University of Arizona, and would welcome contributions, in books or funds, for that purpose.

CENTRAL CHAPTER

vice president; John Schotanus, secretary; Henry M. Arnold, treasurer; and directors: Francis W. Bricker, Kemper Goodwin, and Max Kaufman.

Southern Arizona Chapter's officers and directors will be Robert J. Ambrose, president; Bernard J. Friedman and Sidney W. Little, vice presidents; James Wares, secretary; William Goldblatt, treasurer; and directors: Nick Sakellar, Frederick M. Edson, Arthur Darton, Carl LeMar John, and David Swanson.

CENTRAL CHAPTER — From left, Kemper Goodwin, Francis Bricker, Max Kaufman, Lester Laraway, Charles Hickman, and John Schotanus.



SOUTHERN CHAPTER — From left, David Swanson, Bernard Friedman, James Wares, Robert Ambrose, William Goldblatt, Carl John, and Arthur Darton.

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John Schotanus, Jr., AIA

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So don't take our word for it (nor anyone else's either). See for yourself. Ask questions. Bring your instruments along and take measurements. Then, if you don't agree that our installations are everything we have claimed for them, kindly throw us out of your office the next time we call on you.

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